



NITFS

Compliance Registration



Product: **Information Dissemination Services - Direct Delivery (IDS-D), Delivery 183** **Date:** **07 March 2007**
(Effectivity NE128 only) **Expiration:** **06 March 2009**
Sponsor: **National Geospatial-Intelligence Agency (NGA)** **Registration #:** **352**

Developer: **Raytheon Company**

- Initial Registration
- Supplemental/Update #37
- Derived from Reg. #

Complexity Level						
NITF 2.1 CLEVEL		3	5	6	7	
Interpret						
Generate						
NITF 2.0 CLEVEL						
Interpret	1	2	3	4	5	6 Oth
Generate						

Configurations Tested:

- SunFire 6800 - Solaris 2.9
Image formats: Full, IMP, 8/8, and 11/16 bits
- SunFire 880 - Solaris 2.9
Image formats: Full, IMP, 8/8, and 11/16 bits

System
N-0105/98, §4.1.1

Product
N-0105/98, §4.1.2

Component
N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

NITFS Features Implemented:

Format

- NITF
- V2.1
- V2.0
- V1.1

NSIF

- V1.0

Image Segment Types

- MONO
- RGB
- RGB/LUT
- YCbCr
- MULTI
- NODISPLY
- POLAR

Pixel Value Types

- Boolean
- Integer
- Signed Integer *
- IEEE Real *
- IEEE Complex *

Annotation Segment Types

- Bit Mapped **
- CGM, 2301
- CGM, 2301A
- Labels **

Text Segments

- STA
- UT1
- U8S
- MTF

Image Compression

- Not Compressed
- JPEG Lossy, 8-bit
- JPEG Lossy, 12-bit
- JPEG Downsample
- JPEG Lossless
- Bi-Level
- Vector Quantization
- Multispectral JPEG, Individual Band

Data Extension Segments

- TRE OVERFLOW
- STREAMING FILE HEADER
- Controlled Extensions **
- Registered Extensions **

Tagged Record Extensions

- National SDE - ALL
- IOMAPA
- ECC
- NBLOCA

Legend
Interpret
Gen
Fully implemented
Partially implemented
Not implemented

Registration does not guarantee that a product will meet all users' requirements.

Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

CURTIS L. GREEN, Lt Col, USAF, Division Chief

Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program